

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	166022	(156/345.\$).CCLS. or (("118") or ("204")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/18 18:31
S2	857	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (erod\$4 disintegrat\$4)	US-PGPUB; USPAT	OR	ON	2005/12/18 18:32
S7	237	S5 and S6	US-PGPUB; USPAT	OR	ON	2005/12/19 11:36
S6	166022	(156/345.\$).CCLS. or (("118") or ("204")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:36
S4	237	S2 and S3	US-PGPUB; USPAT	OR	ON	2005/12/19 11:36
S8	620	S5 not S7	US-PGPUB; USPAT	OR	ON	2005/12/19 12:14
S10	255	S9 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 16:13
S9	740	(204/298.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 16:13
S11	16	("4619697" "4663120" "4750932").PN. OR ("5447616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:27

S12	26	("20010054601" "2468174" "3458817" "4233109" "4243476" "4263088" "4340461" "4349409" "4352725" "4399016" "4464223" "4579618" "4585516" "4612077" "5079481" "5158644" "5192849" "5477975" "5556501" "5565036" "5707486" "5925212" "6036877" "6077384").PN. OR ("6620335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:33
S13	3	("2001/0054601").URPN.	USPAT	OR	ON	2005/12/22 13:40
S14	57	("4123316" "4261762" "4350578" "4371412" "4427516" "4430547" "4457359" "4512391" "4565601" "4711698" "4755345" "4756810" "4786359" "4793897" "4807016" "4810935" "4842683" "4870245" "4918031" "4948458" "4948750" "4990229" "5000113" "5006220" "5015330" "5074456" "5085727" "5169487" "5173412" "5187454" "5203956" "5241245" "5249251" "5258824" "5276693" "5277751" "5326404" "5346578" "5349313" "5392018" "5399237" "5401350" "5414246" "5421890" "5423945" "5468341" "5477975" "5514246" "5529657" "5556501").PN. OR ("6036877").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:43
S15	59	("4427516" "5000113" "5203956").PN. OR ("5477975"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:46

S16	49	("4123316" "4261762" "4427516" "4427762" "4430547" "4457359" "4512391" "4565601" "4711698" "4756810" "4786352" "4786359" "4793897" "4807016" "4810935" "4842683" "4870245" "4918031" "4948458" "4990229" "5000113" "5015330" "5074456" "5187454" "5203956" "5241245" "5249251" "5258824" "5276693" "5277751" "5326404" "5346578" "5349313" "5392018" "5399237" "5401350" "5414246" "5423945" "5477975" "5529657" "5556501").PN. OR ("6090303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:59
S17	45	("4209474" "4401689" "4810526" "4999228" "5085727" "5448418" "5477975" "5578129").PN. OR ("5904778").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 14:38
S18	53	("20030035905" "20030215963" "3011006" "3874919" "4374158" "4377347" "4389967" "4428975" "4499354" "4522849" "4592307" "4633051" "4653428" "4692556" "4976996" "4978567" "4984904" "5027746" "5065698" "5104514" "5129958" "5246500" "5271967" "5315092" "5336327" "5360269" "5421893" "5456761" "5474618" "5493987" "5514439" "5562774" "5571333" "5594482" "5728629" "5788799" "5798016" "5874368" "5902407" "5904778" "5910221" "6056823" "6066209" "6071573" "6120640" "6129808" "6170429" "6214425" "6227140" "6325857" "6325858" "6342691").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 14:40

S19	31	("4340462" "4401054" "4650698" "4657616" "4786352" "4816113" "4842683" "4857139" "4902934" "4948458" "5006192" "5129958" "5158644" "5200232" "5207836" "5356478" "5482749" "5571576" "5589233" "5647953").PN. OR ("6071573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 14:45
S20	6	("5925212").URPN.	USPAT	OR	ON	2005/12/22 15:00
S21	2	EP-552491-\$.did. EP-0650182-\$. did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 15:01
S5	857	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (erod\$4 disintegrat\$4)	US-PGPUB; USPAT	OR	ON	2005/12/22 15:05
S24	214	S23 and S22	US-PGPUB; USPAT	OR	ON	2005/12/22 15:06
S23	166087	(156/345.\$).CCLS. or (("118") or ("204")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 15:06
S22	1108	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (sacrific\$4 getter\$4 scaveng\$4)	US-PGPUB; USPAT	OR	ON	2005/12/22 15:06
S26	35	S24 and S25	US-PGPUB; USPAT	OR	ON	2005/12/22 15:07
S25	84	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (sacrific\$4 getter\$4 scaveng\$4) same (embed\$4 particl\$4 particulat\$4 encapsulat\$4)	US-PGPUB; USPAT	OR	ON	2005/12/22 15:12
S28	179	S24 not S25	US-PGPUB; USPAT	OR	ON	2005/12/22 15:14

S27	49	S25 not S26	US-PGPUB; USPAT	OR	ON	2005/12/22 15:14
L1	20	("4350578" "4563240" "4793975" "4980018").PN. OR ("5330607").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:13
L6	61	("4123316" "4261762" "4350578" "4371412" "4427516" "4427762" "4430547" "4457359" "4512391" "4565601" "4579080" "4711698" "4755345" "4756810" "4786352" "4786359" "4793897" "4807016" "4810935" "4842683" "4870245" "4918031" "4948458" "4948750" "4990229" "5000113" "5006220" "5015330" "5032202" "5074456" "5085727" "5169487" "5173412" "5187454" "5203956" "5241245" "5249251" "5258824" "5271788" "5275683" "5276693" "5277751" "5326404" "5346578" "5349313" "5392018" "5399237" "5401350" "5414246" "5421891" "5423945" "5468341" "5477975" "5514246" "5518547" "5529657" "5556501" "5607542" "6024826" "6074512").PN. OR ("6454898").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:21
L5	23	("4340462" "4665463" "4692836" "4793975" "4948458" "5055964" "5160152" "5200232" "5238499" "5262029" "5350479" "5494523" "5805408" "5820723" "5838529" "5986874" "5998932" "6013984" "6022809" "6039836" "6096161" "6117349").PN. OR ("6475336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:21

L4	22	("4340462" "4665463" "4692836" "4793975" "4948458" "5055964" "5160152" "5200232" "5238499" "5262029" "5350479" "5494523" "5805408" "5820723" "5838529" "5986874" "5998932" "6013984" "6022809" "6039836" "6096161" "6117349").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:21
L3	1	("4997862").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 16:21
L2	9	"4997862"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:21
L17	8	("4375385" "4624736" "4631105").PN. OR ("4948461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:22
L13	35	("2972695" "3555347" "3719582" "3783231" "3793179" "4048436" "4190760" "4194106").PN. OR ("4512867").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:22
L7	110	1 2 3 4 5 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:22
L22	4	("4997862").URPN.	USPAT	OR	ON	2005/12/22 16:28
L23	37	("4767641" "4948458" "5074456" "5213658" "5225024" "5271788" "5275683" "5292399" "5298465" "5304248" "5330607" "5411624" "5423918" "5474649" "5484486" "5486975" "5529657" "5552124" "5556500" "5556501" "5573596" "5673922" "5685914" "5740009" "5763020" "5888414" "5891348" "5922133" "5942042" "5990017" "6024826" "6036877" "6039836" "6074488" "6074512" "6284093").PN. OR ("6689249").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:37

L24	40	("4350578" "4771730" "4786359" "4793975" "5292399" "5330607").PN. OR ("5556500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:45
L25	31	("4612432" "5213658" "5246532" "5384009" "5405491").PN. OR ("5552124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 16:51
L26	9	("5328722" "5354382" "5356515" "5494523" "5695831").PN. OR ("6022809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:07
L28	15	("4704301" "4979465" "5433787" "5453124" "5556501" "5595606" "5685941" "5716485" "5759360" "5792272").PN. OR ("6143144").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:15
L29	32	("4793975" "4975327" "5001327" "5246532" "5316620").PN. OR ("5474649").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:18
L30	64	("4367114" "4384938" "4430184" "4448659" "4464223" "4482419" "4485000" "4521286" "4534816" "4585920" "4590042" "4654106").PN. OR ("4793975").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:38
L31	10	plasma and ((focus\$4 edge shadow sacrific\$4) near2 (ring annul\$4)) near5 (embed\$4 particl\$4 particulat\$4 encapsulat\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 17:45
L27	95	plasma.ti,ab,clm. and ((focus\$4 edge shadow sacrific\$4) near2 (ring annul\$4)) with (embed\$4 particl\$4 particulat\$4 encapsulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:46
L32	21	plasma.ti,ab,clm. and ((focus\$4 edge shadow sacrific\$4) near2 (ring annul\$4)) with (compound\$4 matrix joint\$4 sinter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:51
L33	14	plasma.ti,ab,clm. and ((focus\$4 edge shadow sacrific\$4) near2 (ring annul\$4)) with (composite)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 17:55
L34	2	((("6805135") or ("6264788")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 18:02

S1	880	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (erod\$4 disintegrat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 18:03
L35	60824	plasma.ti,ab,clm.	US-PGPUB; USPAT	OR	ON	2005/12/22 18:03
L36	2754	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (consum\$4 sacrific\$4 scaveng\$4 getter\$4)	US-PGPUB; USPAT	OR	ON	2005/12/22 18:04
L39	258	37 not L38	US-PGPUB; USPAT	OR	ON	2005/12/22 18:05
L40	65	plasma.ti,ab,clm. and (solid adj source) same (composite embed\$4 encapsulat\$4 sinter\$4 compound\$4 matrix)	US-PGPUB; USPAT	OR	ON	2005/12/22 18:20
L37	284	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (consum\$4 sacrific\$4 scaveng\$4 getter\$4) same (composite embed\$4 encapsulat\$4 sinter\$4 compound\$4 matrix)	US-PGPUB; USPAT	OR	ON	2005/12/22 18:20
L38	881	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (erod\$4 disintegrat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 18:26
L41	1561	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (silicon polysilicon si) with (tungsten "w")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 18:27
L42	46	plasma.ti,ab,clm. and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (silicon polysilicon si) with (tungsten "w")) same (consum\$4 sacrific\$4 scaveng\$4 getter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 18:30

L44	116	43 not 42	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 18:31
L45	15	("4609562" "4886547" "5138973" "5245153" "5336355" "5344542" "5354413" "5387842" "5635021" "5645642" "5652029").PN. OR ("5955383"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:22
L50	6901	plasma.ti,ab,clm. and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) same (erod\$4 erosion consum\$4 sacrific\$4 scaveng\$4 getter\$4 disintegrat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:31
L52	124	50 and (embed\$4 encapsulat\$4) with (particl\$4 particulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:32
L51	1323	50 and (embed\$4 encapsulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:32
L53	166087	(156/345.\$).CCLS. or (("118") or ("204")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 19:44
L43	120	plasma.ti,ab,clm. and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (silicon polysilicon si) with (carbon "c" graphite)) same (consum\$4 sacrific\$4 scaveng\$4 getter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:45
L55	305	plasma.ti,ab,clm. and (solid adj source)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:46
L57	18	("2468174" "3458817" "4233109" "4243476" "4263088" "4340461" "4349409" "4352725" "4399016" "4464223" "4579618" "4585516" "4612077" "5158644" "5192849" "5565036").PN. OR ("6500314").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:51

L56	24	("2468174" "3458817" "4233109" "4243476" "4263088" "4340461" "4349409" "4352725" "4399016" "4464223" "4483737" "4579618" "4585516" "4612077" "4617079" "4659449" "5158644" "5192849" "5453305" "5565036" "5707486" "5900103").PN. OR ("6905969").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:51
L58	24	56 57	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 19:55
L60	255	54 not 55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21
L54	270	51 and 53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21

L61	55	(US-20010054601-\$ or US-20030024646-\$ or US-20050068519-\$ or US-20050070104-\$ or US-20040040931-\$ or US-20040231800-\$ or US-20050181617-\$ or US-20040144932-\$ or US-20040247779-\$).did. or (US-3661747-\$ or US-4512867-\$ or US-4786359-\$ or US-4948461-\$ or US-4957605-\$ or US-5330607-\$ or US-5418071-\$ or US-5447616-\$ or US-5477975-\$ or US-5904778-\$ or US-5925212-\$ or US-6036877-\$ or US-6039836-\$ or US-6071573-\$ or US-6090303-\$ or US-6251233-\$ or US-6258728-\$ or US-6479098-\$ or US-6488807-\$ or US-6521115-\$ or US-6620335-\$ or US-6927173-\$ or US-6974781-\$ or US-4997862-\$ or US-5965636-\$ or US-6689249-\$).did. or (US-6024826-\$ or US-5990017-\$ or US-5556500-\$ or US-6676804-\$ or US-6220607-\$ or US-6214740-\$ or US-5552124-\$ or US-5486975-\$ or US-5474649-\$ or US-6022809-\$ or US-6815352-\$ or US-6143144-\$ or US-4793975-\$ or US-6641697-\$ or US-6464843-\$ or US-6805135-\$ or US-6117349-\$ or US-5955383-\$ or US-6905969-\$ or US-6500314-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/22 20:32
L63	16	("4619697" "4663120" "4750932").PN. OR ("5447616"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 21:14
L64	25	61 and (silicon adj carbide sic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 21:23
L65	22	61 and (graphite)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 21:24
L49	290	plasma.ti,ab,clm. and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) same (liquid)) same (consum\$4 sacrific\$4 scaveng\$4 getter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 21:25
L68	1	("5947053").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 21:54

L67	78	plasma and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) and (infiltrat\$5 impregnat\$5 releas\$5)) and (erod\$5 erosion disintegrat\$5 consum\$4 sacrific\$4 scaveng\$4 getter\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 21:54
L69	25	("4982767" "5126575" "5134301" "5146098" "5187542" "5262652" "5335373" "5357636" "5396076" "5517077" "5554852" "5559337" "5625185" "5629528" "5640020").PN. OR ("5947053"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 21:56
L70	5	("20030022397" "20030040260" "5947053" "6136043" "6394023").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:02
L71	8	("20020149001" "5146098" "5187542" "5712702" "5798016" "5947053" "6077387" "6153123").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:05
L72	10	("20020089677" "20030157242" "20030185966" "5712702" "5798016" "5947053" "6077387" "6124927" "6153123" "6750977").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:06
L73	14	("4975141" "5261998" "5465154" "5486235" "5536359").PN. OR ("5712702"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:26
L75	672	(john near2 hughes sandra near2 hyland ralph near2 kim).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:35
L74	2870	(tokyo adj electron).as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:35
L79	24	77 78	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:36
L78	1	75 and 76	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:36
L77	24	74 and 76	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:36

L76	1262	plasma.ti,ab,clm. and (component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc).clm. and (erod\$5 erosion disintegrat\$5 consum\$4 sacrific\$4 scaveng\$4 getter\$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:36
L66	280	plasma.ti,ab,clm. and ((component member baffle ring showerhead shower adj head electrode anode cathode shield\$4 liner lining lined susceptor chuck holder esc) with (infiltrat\$5 impregnat\$5 releas\$5)) same (erod\$5 erosion disintegrat\$5 consum\$4 sacrific\$4 scaveng\$4 getter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 22:36
L86	402	(156/345.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 22:57
L62	13	61 and target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 22:57